

SHENGELIYA, P.G.

Most advantageous yield from water reservoirs. Soob. AN Gruz. SSR
14 no. 8:493-500 '53. (MLRA 7:5)

1. Akademiya nauk Gruzinskoy SSR Institut energetiki im. A.I. Dedebulidze,
Tbilisi. Predstavleno deystvitel'nym chlenom Akademii K.S. Zavriyevym.
(Reservoirs) (Hydroelectric power)

SHENGELIYA, P. G.

P. CHENGELIYA, the Director of the Inst. of Power Engineering, Acad. of Sci., GEO SSR, wrote an article, "Essential Tasks of the Science of Power Engineering in Georgia."
SO: Zarya Vostoka, 24 Apr 1954, Uncl.

SHENGELIYA, P.G.

Head utilization in short-period control. Seob.AN Gruz.SSR 16 no.6:
463-468 '55. (MLRA 9:2)

1.Akademiya nauk Gruzinskoy SSR, Institut energetiki imeni A.I. Didebulidze, Tbilisi. Predstavleno chlenom-korrespondentom Akademii
G.K.Gedevanishchvili.

(Hydroelectric power stations)

Name: SHENGELIY, Pavel Georgiyevich

Dissertation: Principles of mountain stream GES feeding a large power system (method of increase of the GES pressure head during fluctuations of the dammed reservoirs)

Degree: Doc Tech Sci

Affiliation: Inst of Power Engineering Acad Sci Georgian SSR

Defense Date, Place: 31 May 56, Council of Power Engineering Inst imeni Krzhizhanovskiy, Acad Sci USSR

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The Utilization of the Pressure Heads of Hydroelectric Power Plants (cont.)

diversion channel is made directly from a diversion channel from the uppermost step of the cascade. The paper describes the operating regimes of a hydroelectric power plant during day-by-day regulation with the inclusion of the valley-storage reservoir, when the discharge rate of the hydroelectric power plant is greater than the flow rate of the river, when these rates are equal, and when the latter rate is greater than the former. Appropriate graphic charts of the changes in the flow rates, the pressure heads, and the power output of the hydroelectric power plant are presented. The author further analyzes basic examples of the utilization of energy otherwise lost during short-term regulation with various schemes of hydroelectric power plants and of locations of the regulatory basins. The design calculation for a proposed new operating regime for a hydroelectric power plant, with the utilization of the pressure head otherwise lost, is presented in the paper, together with the economic background for one of the hydroelectric power plants of the Georgian SSR. Bibliography: 5 references.

M. M. Semchinova

Card 2/2

14-57-6-12284

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 82 (USSR)

AUTHOR: Shengeliya, P. G.

TITLE: Method for Calculating Available Energy by Dividing
River Drop Into Parts (K metodike energoekonomi-
cheskikh raschetov pri razbivke padeniya reki na
b'yefy)

PERIODICAL: Tr. In-ta energ. AN GruzSSR, 1956, Vol 10, pp 181-
185

ABSTRACT: Bibliographic entry

Card 1/1

ITONISHVILI, Yu.B.; SHENGELIYA, P.G., red.; AVALIANI, N.M., red. izd-va;
TODUA, A.P., tekhn. red.

[The washing away of sediments deposited by the lateral inflow
of tributaries] Razmyv bokovykh vynosov. Tblisi. Izd-vo AN Gruz.
SSR.. 1958. 79 p. (Akademiia nauk Gruzinskoi SSR. Tiflis. Ener-
geticheskii institut. Trudy, vol. 12, no. 1) (MIRA 12:1)
(Hydrology)

TAVADZE, F.N., otv. red.; AGLADZE, R.I., red.; ARCHVADZE, Sh.R., red.;
VACHNADZE, N.D., red.; GVELESIANI, G.G., red.; GUDZHEZHYANI, B.I., red.;
DZHANELIDZE, A.I., red.; DZOTSENIDZE, G.S., red.; DURMISHIDZE,
S.V., red.; KETSKHOVELI, N.N., red.; MIKELADZE, I.S., red.;
RUBINSHTEYN, M.M., red.; TVALCHRELIDZE, A.A., red., [deceased];
TSITSISHVILI, G.V., red.; SHENGELIYA, P.G., red.; FEODOT'YEV,
K.M., red. izd-va.; GUSEVA, A.P., tekhn. red.

[Natural resources of the Georgian S.S.R.] Prirodnye resursy
Gruzinskoi SSR. Moskva. Vol. 1. [Metalliferous minerals] Metallicheskie
poleznye iskopaemye. 1958. 230 p. (MIRA 11:11)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Sovet po izucheniyu
proizvoditel'nykh sil. 2. Chlen-korrespondent AN Gruz. SSR (for Tavadze).
(Georgia--Ore deposits)

BALABUYEV, A.G.; MESKHI, N.S.; SHENGELIYA, P.G., prof., doktor tekhn.
nauk, red.; KADZHAYA, Ye.A., red.izd-va; TODUA, A.R., tekhnred.

[Wind power resources of the Georgian S.S.R.] Vetroenergeti-
cheskie resursy Gruzinskoi SSR. Tbilisi, Izd-vo Akad.nauk
Gruzinskoi SSR, 1959. 81 p. (MIRA 13:7)
(Georgia--Wind power)

MELIYA, Georgiy Teymurazovich; SHENGELIYA, P.G., red.; KADZHAYA, Ye.A.,
red.izd-va; TODUA, A.R., tekhnred.

[Solar power resources of the Georgian S.S.R.] Gelienergeti-
cheskie resursy Gruzinskoi SSR. Tbilisi, Izd-vo Akad.nauk
Gruzinskoi SSR, 1959. 126 p. (MIRA 13:7)
(Georgia--Solar energy)

Shengeliya, P.G.

PLATE I BOOK EXPLANATION 807/3407

Abadyma nam 8088. Energeticheskiy Institut im. O.M. Kravchenkovskogo
Problemy energetiki i shornik postavlyayemykh skazaniy O.M. Kravchenkovskomu
(Problems of Power Engineering) Collection of Articles Dedicated to Aca-
demian O.M. Kravchenkovskiy Moscow, 1959. 851 p. Kravt ally inserted,
2,500 copies printed.

Ms. of Publishing House: B.D. Astrukhin, P.Y. Babkov, P.I. Babkov, and
S.M. Boybas (Tech. Ed.); T.A. Frutskova; Editorial Board: A.V. Vinter,
A.M. Vinter (Deceased), V.I. Popov (Resp. Ed.), Corresponding Member,
Academy of Sciences USSR, V.I. Vayns, A.M. Vayns, A.M. Vayns, A.M. Vayns,
K.Y. Chumakov, M.R. Bogdanov, Candidate of Technical Sciences, B.K. Kozlov,
Candidate of Technical Sciences, M.M., Candidate of Technical Sciences,
and I.R.

PURPOSE: This collection of articles is intended as a tribute to the memory
of Academician O.M. Kravchenkovskiy.

CONTENT: The collection contains sixty articles by former students and
colleagues of the deceased Academician. The articles deal with problems
of a wide range of subjects in the field of power engineering: problems
of the regional development of electrical and thermal power engineering,
power engineering technology and the physics of combustion. No personalities
are mentioned. References are given after most articles.

Chaplin, Sh.Ch. Power Engineering and the Sciences/Power Engineering is Kazakhstan	22
Al'xander, A.B., B.A. Gvilyamovskiy, and V.I. Sel'maynskiy. Development of Hydropower Engineering in Azerbaijan. Development of Hydropower Engineering in Azerbaijan	23
Shengeliya, P.G. Most Important Problems of Building Power Systems in the Georgian SSR in Connection With the Unification of Power Systems of the Caucasus	31
Plavits, L.K. Problems of Power Engineering in the Studies of the Academy of Sciences of the Latvian SSR	36
Voyt, L.K. Studies of the Power Engineering Institute of the Estonian Academy of Sciences in the Field of General Power Engineering	42
Klyuch, A.Y. Postwar Power Engineering Research Expeditions by the Power Engineering Institute Imeni O.M. Kravchenkovskiy, Academy of Sciences USSR	49
Prokhi, A.Ya. Power Engineering and Distribution of Manufacturing Enterprises	57
Kharinov, A.G. Some Problems on the Effects of Power Engineering on Industrial Specialization in Isolated Regions of Eastern Siberia	65
Rudakov, A.G. Prospects of Utilizing the Lena River and Its Tributaries for Power Engineering Developments	74
Lagunov, Y.A. Basic Considerations of Electric Power Supply Systems for Rural Regions of Kirgiz SSR	77
Chuvpich, B.A. Drilling the Capacity of Power Systems and Conditions of Operation Under Load	89
Kolosov, I.B. Problems of Method in Prospective Planning of Distri- bution of Emergency Reserve Among Electric Power Stations of the System	100
Lebedev, M.N. Principles in Laying Out Electric Distribution Networks	108
Prechoborniy, M.E. Some Problems in the Transmission of Electrical Energy Over Extremely Long Distances	119
Isakulov, M.A. Some Scientific and Technical Problems in Improving Energy Characteristics of Hydropower Station Equipment	130
Blitkin, B.I. Developing Guaranteed Graphs of Reservoir Utilization for Several Hydropower Stations Operating in a Cascade Connected With the Water Economy	139
Moskalyuk, A.B. Calculated Equations and Indices for a Comparative Evaluation of the Power of Various Types of Extraction Recombining Type Turbines	145
Levental, G.R. Basic Principles of Joint (Parallel) Operation of District Heat-and-Power Stations in the Production of Thermal Energy	156

SHEINGELIYA, P. G.

"Method of Optimum Load Distribution Among the Power Plants of an Electric System"

report presented at: The Madrid, Spain Sectional Meeting of World Power Conference, 5-9 June 1960.

SHENGELIYA, P.G.; MAMRADZE, G.P., red.; VOLKOVA, I.P., red. izd-va;
BOKERIA, N.B., tekhn. red.

[Multistage development of mountain rivers] Voprosy kaskadnogo
ispol'zovaniia gornyykh rek. Tbilisi, Izd-vo Akad. nauk Gruzin-
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(Georgia—Hydroelectric power stations)

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9-14 '63. (MIRA 17:7)

MANDZHAVIDZE, Natela Ferapontovna; MAMRADZE, Grigoriy Petrovich;
SHENGELIYA, P.G.; prof., red.

[Catalog of high dams; height greater than 75 m.] Katalog
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Gruz. SSR, 1963. 185 p. (MIRA 18:1)

1. Direktor Instituta energetiki, chlen-korrespondent AN
Gruz.SSR (for Shengeliya).

MANDZHAVIDZE, Natela Ferapontovna; MAMRADZE, Grigoriy Petrovich;
SHENGELIYA, P.G., prof., red.

[Catalog of high dams; with a height greater than 75 m.]
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vo AN Gruz. SSR, 1963. 185 p. (MIRA 18:5)

1. Chlen-korrespondent AN Gruz.SSR (for Shengeliya).

SABASHVILI, M.N., akademik; GULISASHVILI, V.Z., akademik;
KAVRISHVILI, L.N., agronom; YASHVILI, N.S., prof.;
ARCHVADZE, Sh.R., kand. ekon. nauk; SHENGELIYA, P.G.,
red.

[Natural resources of the Georgian S.S.R.] Prirodnye re-
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(MIRA 18:7)

1. Akademiya nauk Gruzinskoy SSR, Tiflis. Sovet po izuche-
niyu proizvoditel'nykh sil. 2. Akademiya nauk Gruz.SSR
(for Sabashvili, Gulisashvili).

VLADIMIROV, L.A.; APKHAZAVA, I.S.; SHENGELIYA, R.G.; GIGINEYSHVILI, G.N.

Hypsometry of river basins in Georgia. Soob. AN Gruz. SSR 28 no.4:
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Submitted January 10, 1961.

SHENGELIYA, R.G.; CHIDZHAVADZE, M.V.

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SHENGELIYA, R.G.

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and Chalaati in the summer of 1961. Trudy Inst. geog. AN Gruz.
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Sh.I., redaktor; KAKABADZE, Ye.D., redaktor izdatel'stva; GIORGADZE,
O.N., redaktor izdatel'stva; TODUA, A.P., tekhnicheskii redaktor

[Corrosion and the protection of metals in mineral waters of Georgia]
Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi,
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(Corrosion and anticorrosives)
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(Asia Minor--Labiatae) (Labiatae--Asia Minor)

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(Georgia--*Omphalodes*) (Plants, Ornamental)

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~~Biology of the sea daffodil~~ (*Pancratium maritimum* L.) and its utilization in landscape gardening in Abkhazia. Biul. Glav. bot. sada no.30:46-50 '58. (MIRA 11:6)

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SHENGELIYA, Ye.S.

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SHENGELIYA, Ye.S.

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SSR 14:79-85 '56. (MIRA 9:9)
(Georgia--Crickets)

USSR / General and Special Zoology. Insects

P

Abs Jour: Ref Zhur-Biol., No 1, 1958, 2162

Author : E. S. Shengeliya

Inst : The Institute of Zoology of the Academy of Sciences
Georgian SSR

Title : On the Cicada (Auchenorhyncha) Fauna of the Suburban
Zone of Tbilisi

Orig Pub: Tr. In-ta Zool. AN GruzSSR, 1956, 15, 35-49

Abstract: A list of 105 species discovered in the outskirts
of Tbilisi. Brief zoogeographical characteristics
of these species.

Card 1/1

11

SHENGELIYA, Ye.S.

Materials on cicadas, silkworm moths, and measuring worms of the
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(Terek Valley--Cicada) (Terek Valley--Lepidoptera)

SHENGELIYA, Ye.S.

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(Georgia—Measuring worms)

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1007. გაცილი რელიეფის
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720
Dissertation for degree of
Candidate Biological Sciences

Def. at
Tbilisi State U.

SH. V. G. G.

Lekarstvennye rasteniia Gruzii [Medicinal plants of Georgia] Tbilisi, Gruzmedgiz, 1952.
303 p.

30: Monthly List of Russian Accessions, Vol. 6 No 10 January 1954

SHENGELIYA, ZURAB

4376. SHENGELIYA, ZURAB. --Nekotoryye yadovityye rasteniya gruzii. Tbilisi,
gosizdat gruz. SSR, 1954. 115, (5) S. sill. 22 sm. 3.00 ekz. lr. 70k.--
na gruz. yaz.--(54-58254) 581.192.6 & 581.9)(47.922)

SO: Knizhnaya Letopsis', Vol. 1, 1955

SHENGELIA, Z.

SHOTADZE, V.Ye., professor, doktor farmatsevticheskikh nauk

"Medicinal plants of Georgia." Z.Shengelia. Reviewed by V.E.
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1. Zav. kafedroy farmakognozii Tbilisskogo meditsinskogo instituta.
(GEORGIA--BOTANY, MEDICAL)
(BOTANY, MEDICAL--GEORGIA)
(SHENGELIA, Z.)

POGREBITSKIY, Ye.O., prof., doktor geol.-mineral.nauk, otv.red.; SHENGER,
I.A., red.; SMIRNOV, A.V., tekhn.red.

[Coal-bearing area of southern Yakutia] Iŭzhoiakutskaja uglenosnaja
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(MIRA 14:5)

(Yakutia—Coal geology)

MINDAROV, Mars Tagirovich; RYBAKOV, Vladimir Aleksandrovich;
KRAVTSOV, B.F., nauchn. red.; SHENGER, I.A., ved. red.

[Construction and assembly of drilling rigs] Stroitel'-
stvo i montazh burovykh. Leningrad, Nedra, 1965. 111 p.
(MIRA 18:12)

SHENGER, I. F.

Dissertation: "The Role of the Nervous System in Pathological Changes of the Lungs During Chilling of an Animal." Cand Med Sci, Inst of Physiology imeni I. P. Pavlov, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54)

SO: SUM 318, 23 Dec. 1954

SHENGER, I.F.

Method for removing the pituitary in white mice. Fiziol.zhur. 43
no.5:474-475 My '57. (MIRA 10:12)

1. Laboratoriya nervnoy trofiki Instituta fiziologii im. akad.
I.P.Pavlova AN SSSR, Leningrad.
(HYPOPHYSECTOMY, experimental,
technic in white mice (Rus))

SHENGER, I.F.

Variable vascular sensitivity to vasopressin and adrenalin in
frogs [with summary in English]. Farm. 1 toks. 21 no.4:73-74
Jl-Ag '58 (MIRA 11:11)

1. Laboratoriya nervnoy trofiki (zav. - prof. A.V. Tonkikh)
Instituta fiziologii imeni akad. I.P. Pavlova AN SSSR:
 (VASOPRESSIN, effects,
 vasomotor sensitivity in frogs (Rus))
 (EPINEPHRINE, effects
 same (Rus))

ZOTIKOVA, I.N.; SHENGER, I.P.

Evidence of separate antidiuretic and vasopressor effects of posterior pituitary hormones. Fiziol.zhur.SSSR 45 no.7:820-825 J1 '59.
(MIRA 13:4)

1. From the laboratory of trophic innervation, I.P. Pavlov Institute of Physiology, Leningrad.
(PITUITARY GLAND, POSTERIOR hormones)

SHENGER, I.F.; KLIMOV, P.K.

Modified pulmonary circulation following the introduction of
adrenaline and vasopressin as a factor in the development of
pulmonary edema. Pat. fiziol. i eksp. terap. 8 no.4:19-23
Jl-Ag '64. (MIRA 18:2)

1. Laboratoriya fiziologii vegetativnoy nervnoy sistemy i
nervnoy trofiki (zav.- prof. A.V. Tonkikh) i kabinet rent-
genodiagnostiki (zav. P.K. Klimov) Instituta fiziologii
imeni Pavlova AN SSSR, Leningrad.

SHENGER, Yu., prof.

"The organization and planning of credit" by M.M. Usoskin.
Reviewed by IU. Shenger. Den. i kred. 21 no. 5:88-91 My '63.

(MIRA 16:5)

(Credit)

(Usoskin, M.M.)

1. SHENGER, YU.
2. USSR (600)
4. Financial Statements
7. Financial plan and balance sheet of enterprises. Fin. i kred. SSR no. 6 1952
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

SHENGER, Yu.Ye.

Interrelationship of financial plans in the planning of currency
circulation. Trudy SAGU no.75:37-59 '55. (MLBA 10:5)
(Finance) (Money)

SHENGER, Yu.

Planning currency circulation and financial plans. Den. 1 kred. 14
no.4:27-37 Ap '56. (Money) (MLRA 9:7)

SHENGER, Yu

"Organizing and planning short-term credit" by M.M.Usoskin.
Reviewed by IU.Shenger. Den.i kred. 15 no.6:53-61 Je '57.

(MLRA 10:7)

(Credit) (Usoskin, M.M.)

SHENGER, Yu.

The urgent question of the issue of short-term credit to
collective farms. Den. 1 kred. 15 no.7:20-27 J1 '57. (MLRA 10:8)
(Agricultural credit)

SHENGER, Yu. (Tashkent).

Problems in issuing marketing credit. ("Issuing credit to state retail trade in the U.S.S.R." by N. Lisitsian. Reviewed by IU. Shenger). Vop. ekon. no. 4:129-132 Ap '58. (MIRA 11:5)

(Retail trade--Finance)
(Lisitsian, N.)

SHENGER, Yu.

Development of a form of direct bank credit. Den. i kred. 16 no.1:
32-42 Ja '58. (MIRA 11:3)

(Credit)

SHENGER, Yu.

Role of credit in decentralized payments. Den. 1 kred. 17 no.7:26-35
Jl '59. (MIRA 12:11)

(Credit)

(Payment)

SHENGER, Yuriy Yevgen'yevich, doktor ekonom. nauk; USOSKIN, M.M., prof.
otv. red.; BORUZDIN, B., red.; TELEGINA, T., tekhn. red.

[Studies on Soviet credit] Ocherki sovetskogo kredita. Moskva,
Gosfinizdat, 1961. 406 p. (MIRA 15:1)
(Credit)

SHENGER, Yu.

Bank cred't and establishing norms for working capital. Den. i kred.
20 no.7:9-15 J1 '62. (MIRA 15:7)
(Finance)

IKONNIKOV, VV., prof. Prinsipali uchastiye: GUSAKOV, A.D., prof.; SHENGER, Yu. Ye., prof.; BATYREV, V.M., doktor ekon. nauk; KAZANTSEV, A.I., dots.; BUZYREV, V.M., prof.; BYSTROV, F.P., prof.; NADEZHDINA, A., red.; POGODIN, Yu., red.; TELEGINA, T., tekhn. red.

[Monetary circulation and credit in the U.S.S.R.] Denezhnoe obrashchenie i kredit SSSR. Kollektiv avtorov pod rukovodstvom V. Ikonnikova. Moskva, Gosfinizdat, 1962. 470 p. (MIRA 16:1)
(Money) (Credit)

SHENGERIY, A. P.

37457. Rayon razvitogo otkorma sviney. [irkleyev. Rayon poltav. obl.] Sots. zhivotnovodstvo, 1949, No. 8, s. 35-39

SO: Letopis' Zhurnal'nykh Statey, Vol, 7, 1949

USSR/Zooparasitology. Parasitic Worms. General Problems. G

Abs Jour: Ref. Zhur. - Biol., No 23, 1958, 104025

Author : Shiraka, M. A., Grinbergs, A. R., Shenigson, B.S.

Inst : Institute of Biology of the Academy of Sciences
LatSSR

Title : The Problem of the Epidemiology of Trichinello-
sis in the LatSSR.

Orig Pub: Tr. In-t biol. AN latv. SSSR, 1958, 5, 277-287

Abstract: During the period 1950-1955, solitary cases of
trichinellosis (T) were found among wild animals
on the territory of the Latvian SSR as well as
among certain of the zoo carnivores: in 4
martens, 2 minks, rats, lions, leopards and a
polar bear. In 1955, two foci of T were found
in Prikul'skiy Rayon, which is located on the
border of the LitSSR, where T has been found

Card 1/2

BUDZHE, M.M.; BLYUGER, A.F.; DAKHOVKEER, S.Ye.; LAZDINYA, M.A. [Lazdina, M.A.];
SHENIGSON, B.S.

Comparative study on various systems of ascariasis therapy using
piperazine salts. Med.paraz. i paraz.bol. 28 no.4:436-438 J1-Ag '59.
(MIRA 12:12)

1. Iz Instituta organicheskogo sinteza Akademii nauk (Latviyskoy
SSR; kafedry infektsionnykh bolezney Rizhskogo meditsinskogo insti-
tuta; Latviyskoy respublikanskoy i Rizhskey gorodskoy sanitarno-epi-
demiologicheskikh stantsiy.

(ASCARIASIS therapy)

(PIPERAZINES therapy)

BLYUGER, A.F.; GILLER, S.A.; SHENIGSON, B.S.

Studies on the antilambliar effect of nitrofurans and first results of their use in the treatment of human lamblasis. Med. paraz. i paraz.bol. 29 no.6:646-647 '60. (MIRA 14:2)

1. Iz Instituta organicheskogo sinteza Akademii nauk Latvyskoy SSR, Rzhskogo meditsinskogo instituta i Respublikanskoy sanitarno-epidemiologicheskoy stantsii Latvyskoy SSR.
(GIARDIASIS) (FURAN)

LAVROV, N. A., Eng.; SHENIN, B. I.

Coal-Handling Machinery

Practical scheme for supplying coal dust from air mills to burners. Elek. sta. 23,
No. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, June 1953, Uncl.

SHK 11, A. YA.

PHASE I BOOK EXPLOITATION

SOV/4944

Kamnev, P.V., Candidate of Technical Sciences, Docent, Ed.

Peredovoy opyt kovki (Advanced Experience in Forging) [Leningrad] Lenizdat, 1959. 246 p. 5,000 copies printed.

Ed.: Ye.V. Yemel'yanova; Tech. Ed.: I.M. Tikhonova.

PURPOSE: This collection of articles is intended for workers and engineers in die-forging shops and for personnel of affiliated branches in the machine industry.

COVERAGE: The articles deal with the advanced experience of a number of Leningrad plants in mechanizing and improving production methods in die forging. Recommendations are made concerning the specialization of forging shops, and the further development of open-die forging processes. Articles by operators-innovators in forging shops of the Novo-Kramatorskiy (New Kramatorsk) and Ural'skiy (Ural) machinery plants are included. The collection contains some of the papers which were discussed during the conference in June 1958 (P.V. Kamnev, Chairman) on open-die forging, called by the regional section for the pressworking of metals of the Leningradskoye Pravleniye nauchno-tekhnikeskogo obshchestva mashinostroitel'noy promyshlennosti (Leningrad

Card 1/4

SHENIN, V.N., elektromekhanik (stantsiya Novo-Kachinsk, Dal'nevostochnoy dorogi).

How we number the poles. Avtom. telem. i sviaz' 3 no.5:42
My '59. (MIRA 12:8)
(Electric lines—Poles)

SHENINA, M. Ye.

C

Processes and properties of ceramic masses and controlling their workability. A. S. BERMAN AND M. E. SHENINA. *Steklo i Keram.* 5 (4) 11-15 (1948). The moisture of a workable ceramic mass can be determined rapidly by measuring the indentation formed by a freely falling steel ball or cone. The load is held by an electromagnet at a definite distance above the mass and then allowed to fall. The depth of the indentations as a function of the moisture content is expressed graphically for use in rapid determinations. The moisture determinations by this method differ from the actual contents by a maximum of 0.2 to 0.3%. The resistance (pliability) of a mass intended for definite types of ware (cups, dishes, etc.) was found to be constant despite the fact that the moisture of the mass changes within wide limits depending on its composition. The extent of the indentation made by a freely falling load, which characterizes the pliability of the mass, is also an index of its suitability for the preparation of a definite ware. B.Z.K.

ASACAL METALLURGICAL LITERATURE CLASSIFICATION

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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5 (3)

AUTHORS:

Pigulevskiy, G. V., Kuranova, I. L.,
Shenin, Yu. D.

SOV/79-29-7-77/83

TITLE:

Reaction of Ammonia With the Oxide of the Petroselaidic Acid
(Vzaimodeystviye ammiaka s okis'yu petrozelaidinovoy kisloty)

PERIODICAL:

Zhurnal obshchey khimii, 1959, Vol 29, Nr 7, pp 2449-2452 (USSR)

ABSTRACT:

In addition to previous papers (Refs 1, 2) the authors investigated the reaction of ammonia with the oxide of the petroselaidic acid (trans- Δ^6 -octadecenoic acid-1). This acid was obtained by elaidination of the petroselinic acid. By oxidation of this acid with peracetic acid the oxide was formed. By reaction of ammonia with this oxide at 130° the oxy-amino-stearic acid was formed, which melted after repeated recrystallization from isoamyl alcohol at 189-190° (in sealed tube) and corresponds with the empirical formula $C_{18}H_{37}O_3N$. It is insoluble in common solvents, sparingly soluble in isoamyl alcohol and soluble only in acids and alkali liquors. According to the structural proofs carried out [oxidation with lead tetraacetate (Ref 3)] formula (I) is assigned to the oxy-amino-stearic acid. It is a stereoisomer of the corresponding oxy-amino acid which results from the oxide of

Card 1/3

Reaction of Ammonia With the Oxide of the
Petroselaiddic Acid

SOV/79-29-7-77/83

the petroselinic acid. The following derivatives of the oxy-amino-stearic acid which was obtained from the oxide of the petroselaiddic acid were synthesized: the hydrogen chloride complex of the oxyamino acid ($C_{18}H_{35}O_3NH_2 \cdot HCl$) and the hydrogen chloride complex of its methyl ester (II). It can be seen from the table that the melting points of the oxy-amino acid and its derivatives which were obtained from the oxide of the petroselinic acid (cis-isomer) are lower than the melting points of the oxy-amino acid and its corresponding derivatives which were produced from the oxide of the petroselaiddic acid (trans-isomer). Similar observations were made earlier when comparing the properties of two other oxy-amino-stearic acids which were produced by the authors, accordingly, from the oxides of the oleic acid (cis-isomer) and elaidic acid (trans-isomer) (Ref 1). In both cases the oxy-amino acids are distinguished from one another by their steric configuration. There are 1 table and 8 references, 5 of which are Soviet.

Card 2/3

Reaction of Ammonia With the Oxide of the
Petroselaidic Acid

SOV/79-29-7-77/83

ASSOCIATION: Leningradskiy gosudarstvennyy universitet (Leningrad State
University)

SUBMITTED: July 2, 1958

Card 3/3

KURANOVA, I.L.; SHENIN, Yu.D.; PIGULEVSKIY, G.V.

Reactions of methyl ester oxide of erucic acid with acetic acid.
Zhur.ob.khim. 31 no.9:3142 S '61. (MIRA 14:9)

1. Leningradskiy gosudarstvennyy universitet imeni A.A.Zhdanova.
(Erucic acid) (Acetic acid)

KURANOVA, I.L.; SHENIN, Yu.D.

Method of preparing higher unsaturated acid oxides. Zhur.
prikl.khim. 35 no.5:1155-1157 My '62. (MIRA 15:5)
(Acids, Organic)
(Oxides)

KURANOVA, I.L.; SHENIN, Yu.D.; FIGULEVSKIY, G.V.

Oxides of higher unsaturated acids. Reaction of oxide of
erucic methyl ester with acetic acid. Zhur.ob.khim. 32
no.5:1675-1680 My '62. (MIRA 15:5)

1. Leningradskiy gosudarstvennyy universitet.
(Erucic acid) (Acetic acid)

KURANOVA, I.L.; SHENIN, Yu.D.; FIGULEVSKIY, G.V. [deceased]

Oxides of higher fatty unsaturated acids. Part 5: Interaction of oxides of petroselinic and petroselaidic acid methyl esters with acetic acid. Zhur. ob. khim. 34 no.10:3487-3493 0 '64.

(MIRA 17:11)

1. Leningradskiy gosudarstvennyy universitet.

YEFIMOVA, G.V.; MARKOVICH, A.V.; SHENIN, Yu.D.

Separation and identification of substances accompanying
griseofulvin. Zhur. ob. khim. 34 no.11:3842-3843 N '64
(MIRA 18:1)

1. Nauchno-issledovatel'skiy institut antibiotikov, Leningrad.

BOGDANOVA, N.P.; KOVALEVA, L.A.; SHENIN, Yu.D.; SOLOV'YEV, S.N.; TSYGANOV, V.A.;
ZHUKOVA, R.A.; NAMESTNIKOVA, V.P.

Violacein, a new antibiotic. Mikrobiologiya 34 no.4:623-626 J1-Ag
'65. (MIRA 18:10)

1. Leningradskiy nauchno-issledovatel'skiy institut antibiotikov.

SHENING-PARSHINA, M.M., dotsent (Moskva)

Health education work on problems of abortion. Fel'd. i akush.
22 no.2:49-53 F '57 (MLRA 10:5)
(ABORTION)

SHENING-PARSHINA, M.M., dots. (Moskva)

"Care of gynecological patients" by I.V.Danilova. Reviewed by
M.M.Shening-Parshina. Fel'd. i akush. 22 no.11:61-62 N '57.
(NURSES AND NURSING) (MIRA 11:2)
(GYNECOLOGY) (DANILOVA, I.V.)

SHENING-PARSHINA, M.M., dotsent (Moscow)

"Radiation sickness; effect of atomic explosion on the body",
by M.N. Pobedinskii. Reviewed by M.M. Shening-Parshina.
Fel'd.i akush. 23 no.5:61-62 My'58 (MIRA 11:6)
(RADIATION SICKNESS)

BOGOLEPOVA, L.S., prof., obshchiy red.; SHENING-PARSHINA, M.M., red.-
metodist; SHTEYNBERG, L.K., tekhred.

[Health education] Sanitarnoe prosveshchenie; sbornik po
voprosam organizatsii, soderzhanii i metodiki sanitarno-
prosvetitel'noi rabory. Pod obshchei red. L.S.Bogolepovoi.
Moskva, 1959. 96 p. (MIRA 13:2)

1. Moscow. Institut sanitarnogo prosveshcheniya.
(HEALTH EDUCATION)

SHENING-PARSHINA, M.M., dotsent

Training of medical personnel in health education in some foreign countries. Mat. dlia prep. san. prosv. v med. inst. no.5:33-44 '59. (MIRA 13:12)

1. TSentral'nyy institut sanitarnogo prosveshcheniya.
(PUBLIC HEALTH—STUDY AND TEACHING)

SHENING-PARSHINA, M.M., dotsent

Instruction plan in health education at medical institutes. Mat.
dlia prep. san. prosv. v med. inst. no.5:77-78 '59. (MIRA 13:12)

1. TSentral'nyy institut sanitarnogo prosveshcheniya.
(PUBLIC HEALTH—STUDY AND TEACHING)

SHENING-PARSHINA, M.M. (Moskva)

"One of the causes of female diseases" by E.N. Turanova. Reviewed
by M.M. Shening-Parshina. Fel'd i akush. 24 no.8:60-61 Ag '59.

(MIRA 12:12)

(GONORRHEA)

(GENERATIVE ORGANS, FEMALE--DISEASES)

(TURANOVA, E.N.)

SHENING-PARSHINA, M.M., kand.med.nauk (Moskva)

"Anesthesia in labor" by V.N. Shashkova; "Pain and anesthesia" by
G.N. Kassil'. Reviewed by M.M. Shening-Parshina. Fel'd. i akush.
25 no.2:64 F '60. (MIRA 13:5)
(ANESTHESIA IN OBSTETRICS) (PAIN) (ANESTHESIA)

SHENING-PARSHINA, M.M., dotsent (Moskva)

"To women about health" by R.R. Makarov. Reviewed by M.M. Shening-
Parshina. Fel'd. 1 akush. 27 no. 3:60-61 Mr '62. (MIRA 15:4)
(WOMEN—HEALTH AND HYGIENE) (MAKAROV, R.R.)

CHUDNOSOVETOV, V.A., prof.; RUTENBERG, L.A., kand.med.nauk; RODIONOV, V.I.,
kand.pedagogicheskikh nauk; SMIRNOV, N.P., kand.med.nauk; SHENING-
PARSHINA, M.M., kand.med.nauk

Health hints. Zdorov'e 8 no.9:30-31 S '62.
(HYGIENE)

(MIRA 15:9)

SHENING-PARSHINA, M. M., kand. med. nauk (Moskva)

Forms and means of hygiene education in controlling abortions.
Fel'd. i akush. 27 no.5:52-55 My '62. (MIRA 15:7)

(ABORTION) (HEALTH EDUCATION)

SHENITEA, V

YUGOSLAVIA/Chemical Technology. Chemical Products and Their
Application, Part 4. - Cellulose and Its Deriva-
tives. Paper.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 72617.

Author : Viktor Shenitea.

Inst

Title : Difficulties with Raw Material for Cellulose.

Orig Pub: Les (Jugosl.), 1958, 10, No 1, 2-4.

Abstract: The paper production in Yugoslavia does not cover the
demand notwithstanding the production development.
The demand of wood cellulose (C) increases simultan-
eously, and new sources of raw materials for its pro-
duction, for example, sawmill wastes, are looked for.
It is considered to decrease the consumption of wood

Card : 1/2

145

SHENK, N. A.

Shenk, N. A. and Brazhnikov, V. A. - "Prosthesis of children after the amputation of a hip and a leg," Trudy Tsentr. nauch.-issled. in-ta protezirovaniya i protezostroyeniya, symposium 3, 1949, p. 132-58

SO: U-4355, 14 August 53, (Letopis 'Zhurnal 'nykh Statey, No. 15, 1949)

SHENK, N.A.

Lockless prosthetic apparatus in poliomyelitis. Zhur. nevr. i psikh.
55 no.2:145-149 P '55. (MIRA 8:4)

1. Tsentral'nyy nauchno-issledovatel'skiy institut protezirovaniya
i protezostroyeniya (dir. prof. B.P.Popov) Ministerstva sotsial'nogo
obespecheniya.

(POLIOMYELITIS, therapy,
orthopedic appar.)

(ORTHOPEDICS, apparatus and instruments,
ther. of polio.)

SHENK, Nataliya Alekseyevna, professor; GERASIMENKO, N.I., redaktor;
YEVDOKIMOVA, Z.N., tekhnicheskiy redaktor

[Teaching walking with lockless apparatus, therapeutic gymnastics
and massage in cases of paralysis from poliomyelitis; a practical
manual for physicians] Obuchenie khod'be v bezzamkovykh apparatakh,
lechebnaia gimnastika i massazh pri paralichakh posle poliomielifita;
metodicheskoe posobie dlia vrachei. Moskva, Gos. izd-vo med. lit-ry,
1956. 105 p. (MLRA 9:12)

(POLIOMYELITIS) (EXERCISE THERAPY)
(PHYSICAL THERAPY)

SHEMK, N.A.; KYDINOVA, M.B.; MITREY, I.M.

Therapeutic and diagnostic value of galantamine in various stages
of poliomyelitis. Farm. i toks. 19 no.4:36-44 J1-Ag '56.

(MIRA 9:10)

1. Tsentral'nyy nauchno-issledovatel'skiy institut protezirovaniya
i protezostroyeniya Ministerstva sotsial'nogo obespecheniya RSFSR.
(POLIOMYELITIS) (PHARMACOLOGY)

SHENK, N.A., prof.

Functional apparatus in paralysis of the upper extremity after poliomyelitis. Ortop. travm. protez., Moskva 19 no.6:65-66 N-D, '58.

(MIRA 12:1)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta protezirovaniya i protezostroyeniya (dir. - prof. B. P. Popov) Ministerstva sotsial'nogo obespecheniya RSFSR.

(POLIOMYELITIS, compl.

paralysis of arm, funct. splint (Rus))

(ARM, paralysis

caused by poliomyelitis, funct. splint (Rus))

POPOV, B.P., prof.; DIKKERT, G.A., inzh., red.; ABRIN, S.G., dotsent, red.; KOBRINSKIY, A.Ye., doktor tekhn.nauk, red.; MOLODAYA, Ye.K., prof., red.; ROSHCHIN, G.I., dotsent, red.; SLAVUTSKIY, Ya.L., kand.biolog.nauk, red.; SHENK, N.A., prof., red.

[What one should know about prosthesis] Chto muzhno znat' o protezirovani. Moskva, M-vo sots.obespechenia RSFSR, 1959.
66 p. (MIRA 13:6)

(PROSTHESIS)

SHENK, N.A. prof.

Aided by apparatus. Zdorov's 5 no.5:22 My '59. (MIRA 12:11)
(ORTHOPEDIC APPARATUS)

SHENK, N.A., prof.

Functional apparatus in diffuse paralysis of the arm with disorders of the hands and fingers. Ortop. travm. i protez. 21 no. 9:49-53 S '60. (MIRA 13:12)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta protezirovaniya i protezostroyeniya RSFSR (dir. - zasluzhennyy deyatel' nauki prof. B.P. Popov). (ORTHOPEDIC APPARATUS) (ARM DISEASES)

SHENK, N.A., prof.

Work of the prosthesis shop at the sanatorium for children
with poliomyelitis. Ortop., travm. i protez. no. 5:45-46 '61.
(MIRA 14:8)

1. Iz Tsentral'nogo nauchno-issledovatel'skogo instituta prote-
zirovaniya i protezostroyeniya Ministerstva sotsial'nogo obespe-
cheniya RSFSR (dir. - zasluzh. deyatel' nauki prof. B.P. Popov).
(POLIOMYELITIS) (PROSTHESIS)

SHENK, N.A.; YUKHNOVSKAYA, S.I., red.; KOKIN, N.M., tekhn. red.

[Treatment of the sequelae of poliomyelitis] Lechenie
posledstviy poliomiellita. Moskva, Medgiz, 1963. 45 p.
(MIRA 17:1)

SHENK, N.A., prof.

Modification of the method for the determination of flexor
contracture of the hip joint. Protez. i protezostr.
no.10:121-123 '64. (MIRA 18:12)

1. Tsentral'nyy nauchno-issledovatel'skiy institut
protezirovaniya i protezostroyeniya.

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Functional therapeutic prosthesis, a new trend in orthopedics.
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(MIRA 19:1)

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28

AUTHOR: Zaslavskiy, A. Ya.; Gol'dshteyn, Ya. Ye.; Keys, N. V.;
Shenk, R. I.

TITLE: NIPRA steel and its properties

CITED SOURCE: Sb. Teoriya i praktika metallurgii, vy*p. 6.
Chelyabinsk, 1963, 139-147

TOPIC TAGS: steel, machinability, metal physical property, metal
mechanical property, grain size, aluminum containing alloy,
titanium containing alloy, selenium containing alloy, tellurium
containing alloy/ NIPRA steel

TRANSLATION: A new steel, brand NIPRA, alloyed with small quantities
of aluminum and titanium for grain refining and selenium (tellurium)
to improve machinability, has been investigated. In the opinion of
the authors, the steel is suitable for a wide range of parts whose
working conditions make it possible to avoid hardening of the whole

Card 1/2